## International application No. INTERNATIONAL SEARCH REPORT PCT/KR2005/004074 CLASSIFICATION OF SUBJECT MATTER A. H04L 9/28(2006.01)i According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC8: H04L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975 Korean Utility models and applictions for Utility models since 1975 Japanese Utility models and application for Utility models since 1975 Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category\* US 6434699 B1 (Mosaid Technologies Inc.) 13 August 2002 Y $2 \sim 12$ ( see abstract, figure 2, claim 1 ) Α $1 \sim 12$ US 4603381 (Texas Instruments Incorporated) 29 July 1986 Α (see abstract, figure 2, claim 1) See patent family annex. Further documents are listed in the continuation of Box C. "T" later document published after the international filing date or priority Special categories of cited documents: date and not in conflict with the application but cited to understand document defining the general state of the art which is not considered the principle or theory underlying the invention to be of particular relevance document of particular relevance; the claimed invention cannot be earlier application or patent but published on or after the international "E' considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of mailing of the international search report

Date of the actual completion of the international search

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/KR2005/004074

Patent document cited in search report	<sup>*</sup> Publication date	Patent family member(s)	Publication date
US6434699B1	13.08.2002	CA2244337AA	27.08.1999
		DE 19983 127T	10.05.2001
		FR2778519A1	12, 11, 1999
		GB200021091A0	11.10.2000
	<u>ئ</u> و	GB200302861A0	12.03.2003
		GB2350218A1	22.11.2000
		GB2350218B2 <sup>-</sup>	23.04.2003
		GB2381913A	14.05.2003
		GB2381913B	25.06.2003
		GB2381913B2	25.06.2003
		GB2381913A1	14.05.2003
		JP2002505451T2	19.02.2002
		KR1020010041069	15.05.2001
		US06088800	11.07.2000
	•	US6088800A	11.07.2000
		US6434699BA	13.08.2002
		W09944329A2	02.09.1999
		W09944329A3	02.03.2000
		W09944329A2	02.09.1999
			44 40 4000
US04603381	29.07.1986	JP4079021B4	14. 12. 1992
	· •	JP59011600	21.01.1984
		US4603381A	29.07.1986